



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants:	Batakrishna MANDAL	§	Confirmation No.:	4647
		§		
Serial No.:	10/705, 184	§	Group Art Unit:	Not Yet Assigned
		§		
Filed:	November 11, 2003	§	Examiner:	Not Yet Assigned
		§		
For:	Self-Calibrated Ultrasonic	§	Docket No.:	1391-24708
	Method Of In-Situ	§		
	Measurement Of Borehole	§		
	Fluid Acoustic Properties	§		

**SECOND PRELIMINARY AMENDMENT**

Mail Stop Patent Application  
Commissioner for Patents  
PO Box 1450  
Alexandria, VA 22313-1450

Date: March 4, 2004

Sir:

In response to the "Notice to File Corrected Application Papers" mailed February 12, 2004, please enter the following amendment.

**Amendments to the Specification** begin on page 2 of this paper.

**Remarks** begin on page 3 of this paper.